

IN THE SPECIFICATION:

Please amend the Specification as follows:

Please amend Paragraph [0012] on Page 3 to read as follows:

[0012] ~~Figure 4 illustrates~~ Figures 4A and 4B illustrate four-bit programmable resistive-divider-based circuitry that may be included in a circuit configured to control the gain of an outside amplifier; and

Please amend Paragraph [0030] on Page 8 to read as follows:

[0030] ~~Figure 4 illustrates~~ Figures 4A and 4B illustrate a representative threshold circuit 400 according to an embodiment of the present invention that may be included in comparator circuit 187. As shown in ~~Figure 4~~ Figures 4A and 4B, threshold circuit 400 may be based on a resistive-divider circuit configured to specify a value of a threshold. In ~~Figure 4~~ Figures 4A and 4B, half of threshold circuit 400 stores data related to the value of a first threshold and the other half of threshold circuit 400 stores data related to the value of a second threshold. It will be appreciated by those skilled in the art that, in this example, data related to the values of additional thresholds may also be stored in threshold circuit 400 or in other similar circuits.